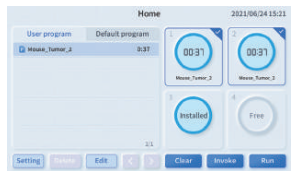


Cellular and Molecular Biology Research Solution

Single Cell Suspension Dissociator

RWD Single cell suspension dissociator uses tissue processing tubes, tissue dissociation kits, and built-in optimization programs for preparing high-activity single-cell suspension and tissue homogenate. The preparation of single-cell suspension with high cell viability can be completed within 15-30 minutes, which makes the experiments more reproducible. 4 independent operating channels and heating jackets can automate the processes and improve the efficiency of tissue processing. It is widely used in single-cell sequencing, primary cell culture, fluorescence-activated cell sorting, cell therapy, and other research fields.



Tube position detecting



Single Cell Suspension Dissociator



Visualized and editable programs

Features

Intelligent

- Pre-defined standard processes and customized processes supported.
- Processes can be imported and synchronized via USB ports.

Gentle

- Stable motor speed ranges from 20 to 4000 rpm.
- Customized tissue dissociation kits and tissue processing tubes can ensure cell viability and reduce experimental losses.

Safe

- Multiple alarms guarantee the safety of both operators and samples.
- Fully sealed tube prevents contamination of cells.

Efficient

- 4 independent channels work simultaneously for different tissue processing.
- Heating jackets are available for fully automated sample preparation.
- Capable of single-cell suspension and tissue homogenate.

Technical Parameters:

Model	DSC-400
Sample volume	20-4000mg
Buffer volume	0.3-10mL
Speed	20-4000 rpm
Temperature	37°C
Channels	4
Operation method	Touch screen
Dimensions (W*D*H)	215*380*190 mm
Weight	~9.0 kg

Order Information:

Cat No.	Product Description
DSC-400	Single cell suspension dissociator
SCT-25	Tissue processing tube(25pcs/box)
SCT-100	Tissue processing tube(100pcs/box)
DHTE-5001	High Activity Tumor Tissue Enzymatic Digestion Kit (Mouse)

Consumables:



Tissue Processing Tube

- Ethylene oxide(EO) sterilized
- Independent packaging make it convenient for storage and use



Enzymatic Digestion Kit

- Targeted optimization of enzymatic hydrolysis formula can ensure high cell viability
- Preserving cell surface epitopes leads to no effect for downstream experiments

Order Information:

Model	SCT-25	SCT-100
Sample volume	20-4000mg	
Buffer volume	0.3-10mL	
Dimensions	35*89mm	
Package	25pcs/box	100pcs/box

Order Information:

Product Description	Model	Number of reactions
High Activity Tumor Tissue Enzymatic Digestion Kit (Mouse)	DHTE-5001	50T
High Activity Neonatal Brain Enzymatic Digestion Kit (Mouse and Rat)	DHNBE-5002	50T
High Activity Adult Brain Enzymatic Digestion Kit (Mouse and Rat)	DHABE-5003	50T
High Activity Spleen Tissue Enzymatic Digestion Kit (Mouse)	DHSE-5004	50T

Other Tissue Enzymatic Digestion Kit *

Cell Separation Kit



HCSC-25 High-capacity separation column



Mouse CD3⁺ Cell Separation Kit

Features

- High cell viability, high purity, low stimulation, and low residue.
- Cell culture, flow cytometry, and single-cell sequencing can be carried out after separation.

Order Information:

Cat No.	Product Description
HCSC-25	High-capacity separation column(25pcs/box)
SSA	Separation stand
HCS-01	High-capacity Separator
K1301-10	Mouse CD3 ⁺ Cell Separation Kit